

Product Datasheet

Mouse DMP1(Dentin Matrix Protein 1) ELISA Kit orb1994854

Description	Mouse DMP1(Dentin Matrix Protein 1) ELISA Kit
Reactivity	Mouse
Range	0.16-10 ng/mL
Sensitivity	0.067 ng/mL
Note	For research use only.
Sample Types	serum, plasma, tissue homogenates
Expiration Date	Please enquire.
Application Notes	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse DMP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse DMP1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse DMP1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm \pm 10nm. The concentration of Mouse DMP1 in the samples is then determined by comparing the OD of the samples to the standard curve.